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File: USPT

Nov 9, 1999

US-PAT-NO: 5983227

DOCUMENT-IDENTIFIER: US 5983227 A

TITLE: Dynamic page generator

DATE-ISSUED: November 9, 1999

## INVENTOR-INFORMATION:

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APPL-NO: 08/ 873975    [PALM]

DATE FILED: June 12, 1997

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/10; 707/104, 707/500, 707/513, 707/517, 395/200.47, 705/1, 705/10

US-CL-CURRENT: 707/10; 705/1, 705/10, 707/104.1, 709/217, 715/500, 715/513, 715/517

FIELD-OF-SEARCH: 707/10, 707/104, 707/200, 707/500, 707/513, 707/517, 395/200.47, 395/200.48, 395/200.49, 705/1, 705/10

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

Search Selected

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5754938</u>	May 1998	Herz et al.	455/4.2
<input type="checkbox"/>	<u>5754939</u>	May 1998	Hertz et al.	455/4.2
<input type="checkbox"/>	<u>5761662</u>	June 1998	Dasan	707/10
<input type="checkbox"/>	<u>5793497</u>	August 1998	Funk	358/402
<input type="checkbox"/>	<u>5793972</u>	August 1998	Shane	395/200.49
<input type="checkbox"/>	<u>5835087</u>	November 1998	Herz et al.	345/327
	<u>5848396</u>	December 1998	Gerace	705/10



## FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0749081A1	December 1996	EP	
WO 97/17662	May 1997	WO	

## OTHER PUBLICATIONS

Garris, John, "Grab That Database", PC Magazine, vol. 15, No. 15, Sep. 10, 1996, p. NE1-NE7.

Chesnais et al., "The Fishwrap Personalized News System", IEEE, D-7803-27560X/95, Jun., 1995, pp. 275-282.

Yuri Quintana, University of Western Ontario, "Knowledge-Based Information Filtering of Financial Information," XP-002057953, May, 1997, pp. 279-285.

ART-UNIT: 271

PRIMARY-EXAMINER: Lintz; Paul R.

ATTY-AGENT-FIRM: Albert; Philip H. Townsend and Townsend and Crew LLP

## ABSTRACT:

An custom page server is provided with user preferences organized into templates stored in compact data structures and the live data used to fill the templates stored local to the page server which is handing user requests for custom pages. One process is executed on the page server for every request. The process is provided a user template for the user making the request, where the user template is either generated from user preferences or retrieved from a cache of recently used user templates. Each user process is provided access to a large region of shared memory which contains all of the live data needed to fill any user template. Typically, the pages served are news pages, giving the user a custom selection of stock quotes, news headlines, sports scores, weather, and the like. With the live data stored in a local, shared memory, any custom page can be built within the page server, eliminating the need to make requests from other servers for portions of the live data. While the shared memory might include RAM (random access memory) and disk storage, in many computer systems, it is faster to store all the live data in RAM.

9 Claims, 6 Drawing figures

## Freeform Search

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<b>Term:</b>	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>
<b>Display:</b>	<input type="text" value="10"/> Documents in <b>Display Format:</b> <input type="text" value="-"/> Starting with Number <input type="text" value="1"/>
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### Search History

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<u>L4</u>	L3 and (queryable or query\$) near data	541	<u>L4</u>
<u>L3</u>	L2 and cache	11533	<u>L3</u>
<u>L2</u>	L1 and servers!	56811	<u>L2</u>
<u>L1</u>	(network or internet or www)	958624	<u>L1</u>

END OF SEARCH HISTORY